FILED UNDER 35 U.S.C. 371

PATENT NUMBER and ISSUE DATE

U.S. UTILITY Patent Application

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APPL NUM	FILING DATE	CLASS	SUBCLASS	GAU		EXAMINER			
10019190	03/13/2002	345	177	GAU 2474 2673	HJE	RPE	j.		
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**APPLICAN	rs: Kanbara	a Shigeki;	; Kaneda Hiros	shi;	Kir	n Napuye	n		
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TITLE: Acoustic contact detecting device U.S.DEPT. OF COMM./PAT. A TM-PTO-436L(Rev. 12-94)									
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Assistant Examiner Total Claims	Code Title 35, Trademark	ed by the United States Codutaide the U.S. Patent & Tra	, 181 and 368, Possession or ricted to authorized employ	Unauthorized disci Sections 122, 181	AMER	DISCL		÷
Assistant Examiner ISSUE FEE Amount Due Date Paid Primary Examiner Total Claims DRAWING Sheets Drwg. Figs. Drw	ər	Application Examiner	ARED FOR ISSUE	PREPARED	χ	RMINAL	TEI	
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